



US005953205A

United States Patent [19][11] **Patent Number:** **5,953,205****Kambayashi et al.**[45] **Date of Patent:** **Sep. 14, 1999**

[54] **PORTABLE TYPE INFORMATION APPARATUS HAVING A FIRST HOUSING WITH A DISPLAY PORTION AND A SECOND HOUSING MOVABLE TO COVER THE FIRST HOUSING WITH A KEY IN ONE, EXTENDING INTO A RECESS OF THE OTHER, OF THE FIRST AND SECOND HOUSINGS**

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5,481,645	1/1996	Bertino et al.	361/680
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[57] **ABSTRACT**

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To provide a portable type information apparatus having a suspend/resume key capable of minimizing a risk of unintentional erroneous key operations, for example, when the apparatus is transported, which is excellent in visibility and operability. The apparatus includes a lower housing 5 having a keyboard 3 and an upper housing 9 coupled to the lower housing 5 to be folded onto the upper surface of the lower housing 5, wherein a suspend/resume key 21 is provided substantially at a central position of the innermost zone of the upper surface of the lower housing relative to the keyboard, so that an unintentional operation of the suspend/resume key 21 is minimized. A state-displaying section 31 for displaying various operation states is located in the upper housing 9 to confront the suspend/resume key 21 when the upper housing 9 is folded, which state-displaying section 31 is provided at a level lower by an amount corresponding to the projecting amount of the suspend/resume key 21 than the upper surface of the upper housing.

[21] **Appl. No.:** **08/866,142**

[22] **Filed:** **May 30, 1997**

[30] **Foreign Application Priority Data**

Oct. 11, 1996 [JP] Japan 8-270091

[51] **Int. Cl.⁶** **G06F 1/16; H05K 5/02**

[52] **U.S. Cl.** **361/680; 361/681**

[58] **Field of Search** 361/680, 681,
361/682, 683; 364/708.1; G06F 1/16

[56] **References Cited**

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16 Claims, 4 Drawing Sheets